

FIG. 1

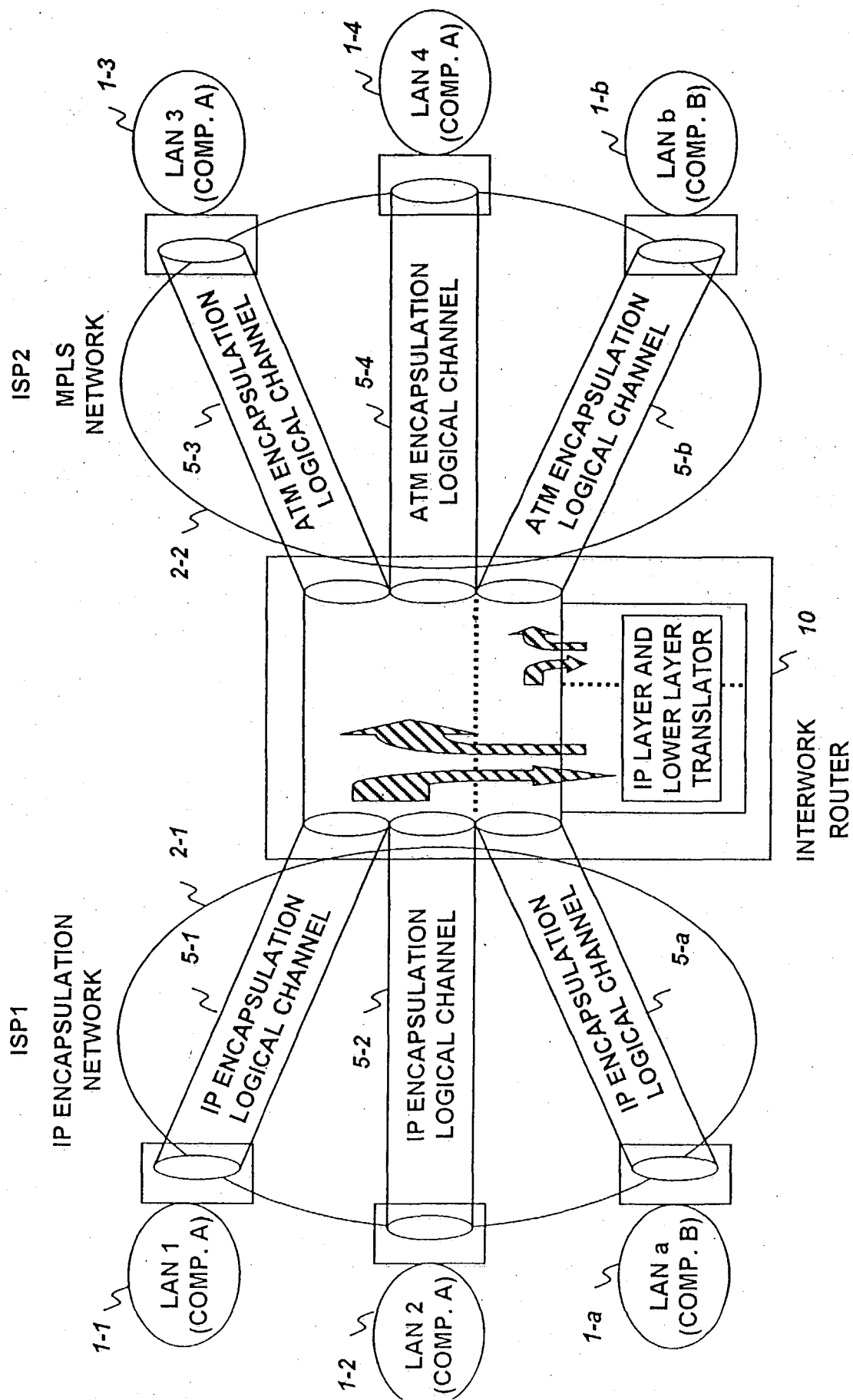


FIG. 2

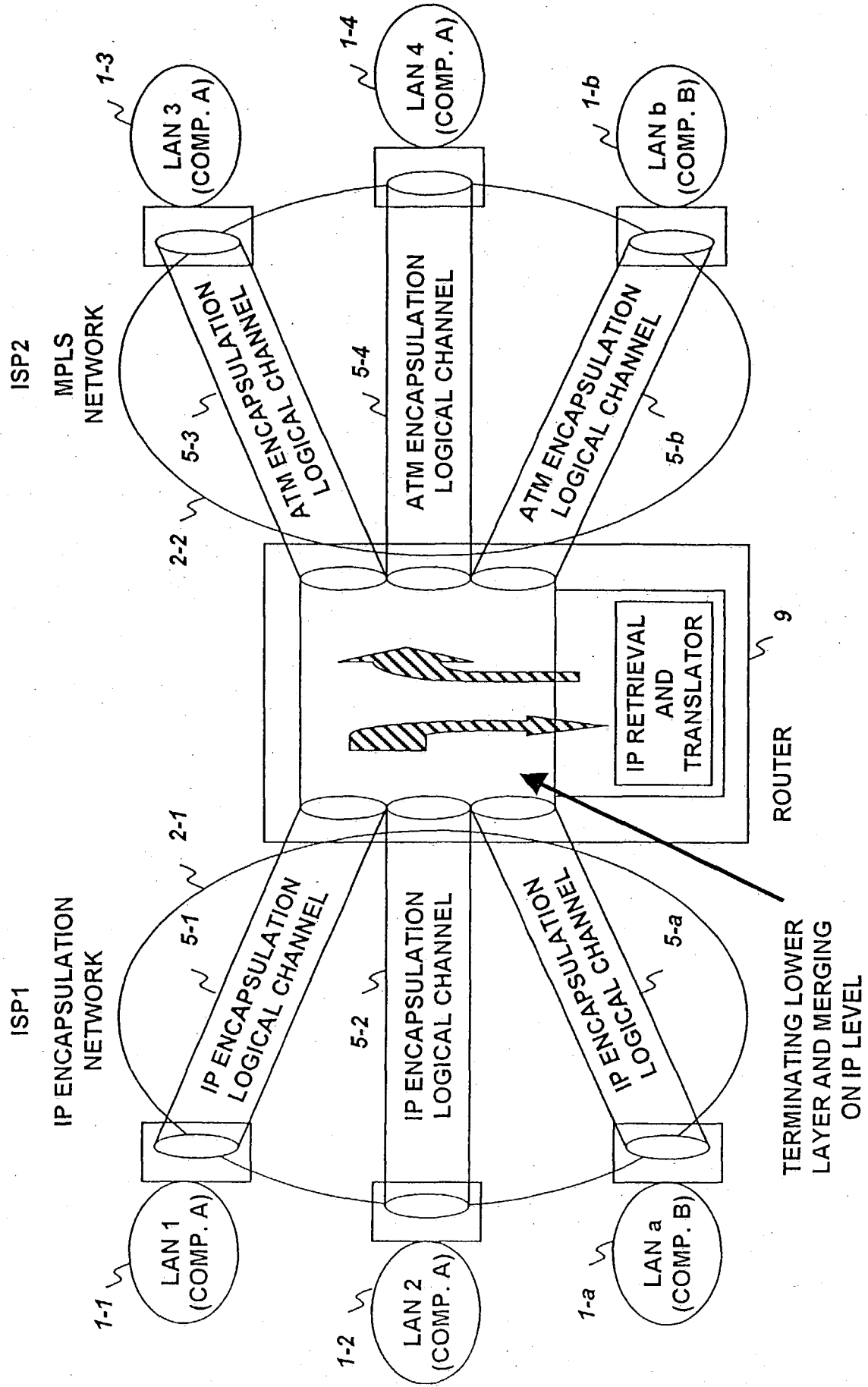
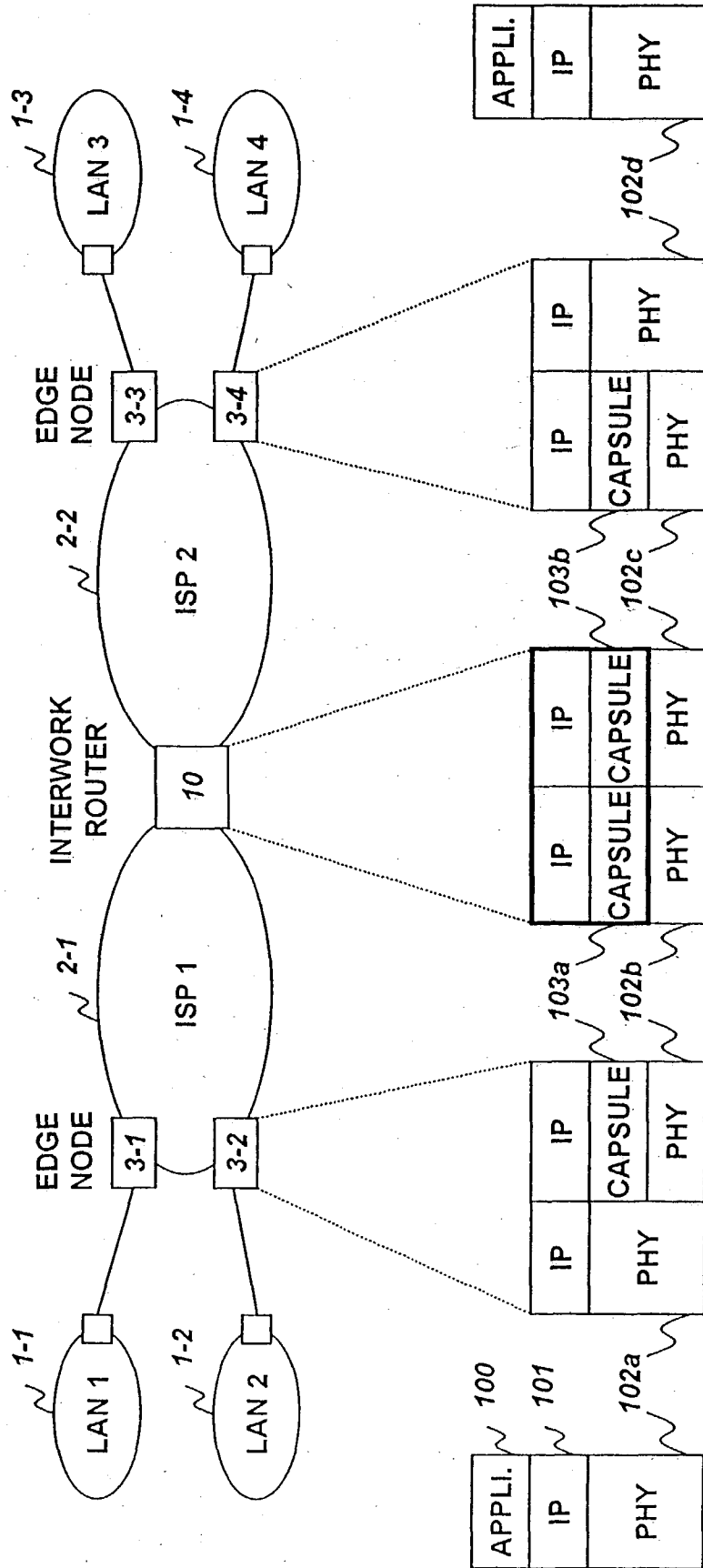
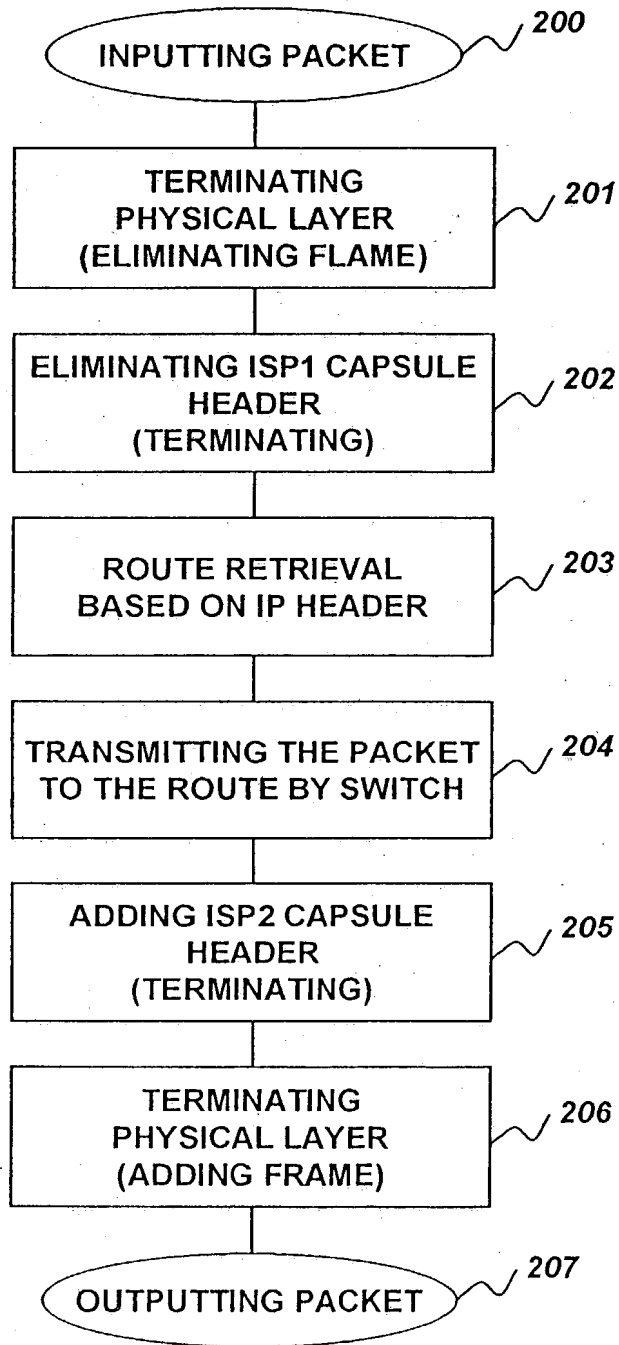


FIG. 3

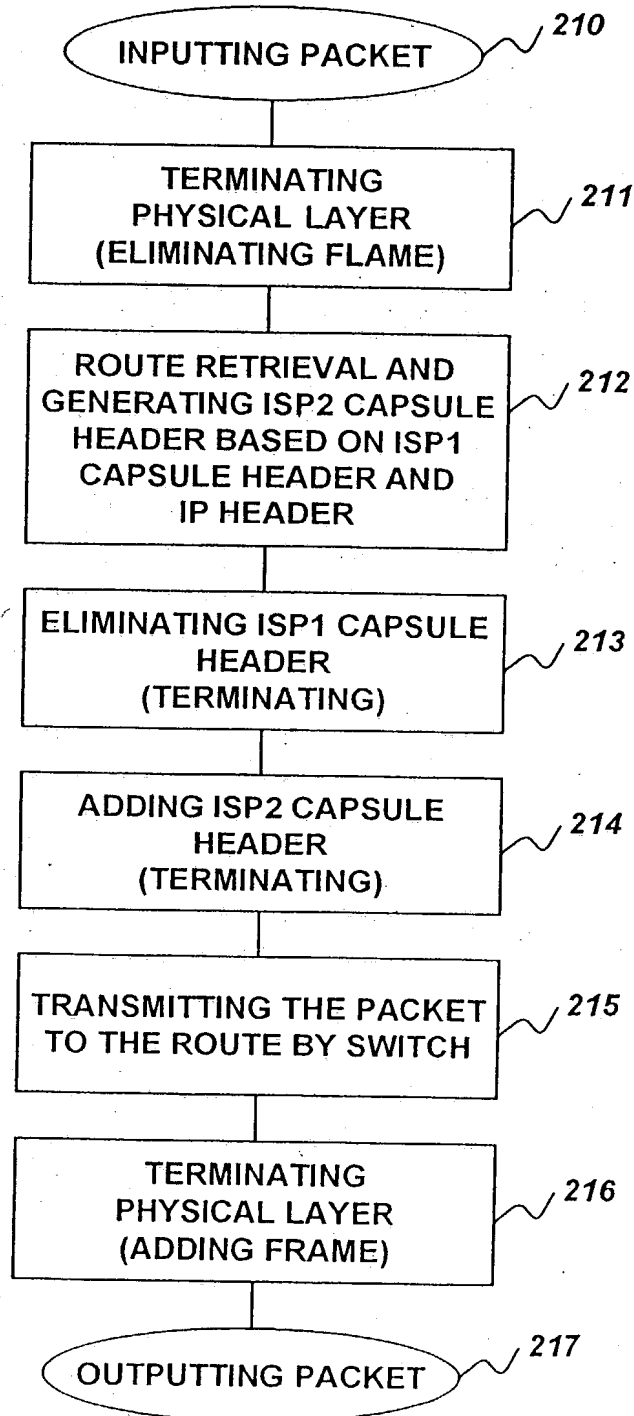


**FIG.4**



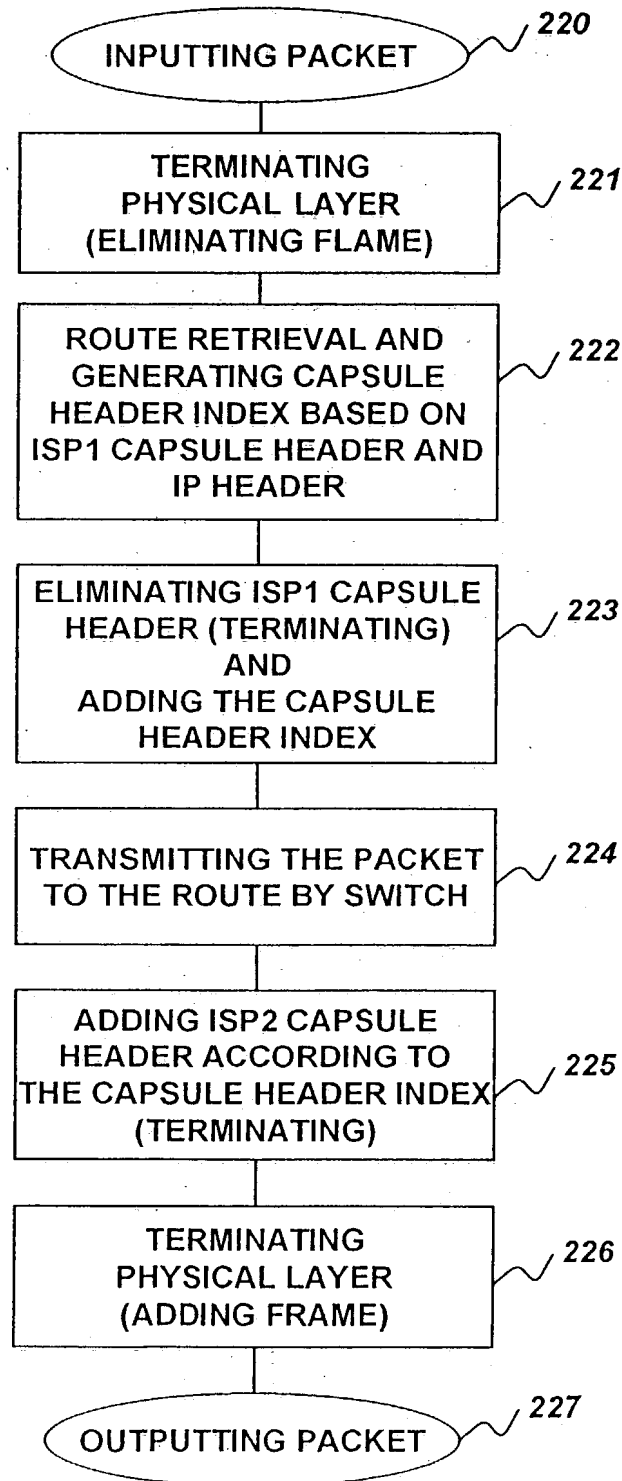
**PROCESSING FLOW IN ROUTER**

**FIG.5**



PROCESSING FLOW  
IN INTERWORK ROUTER

**FIG.6**



PROCESSING FLOW  
IN INTERWORK ROUTER

FIG. 7

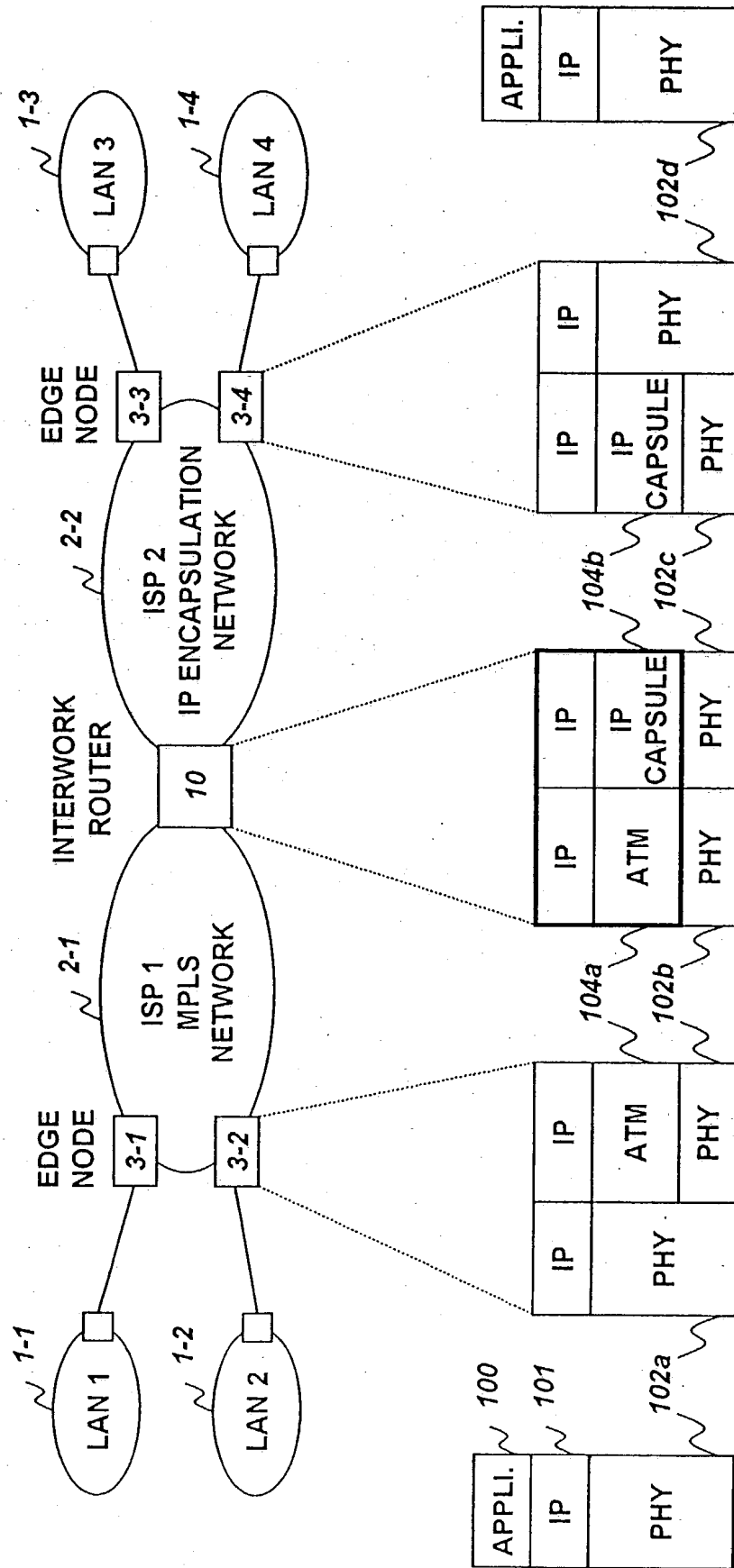
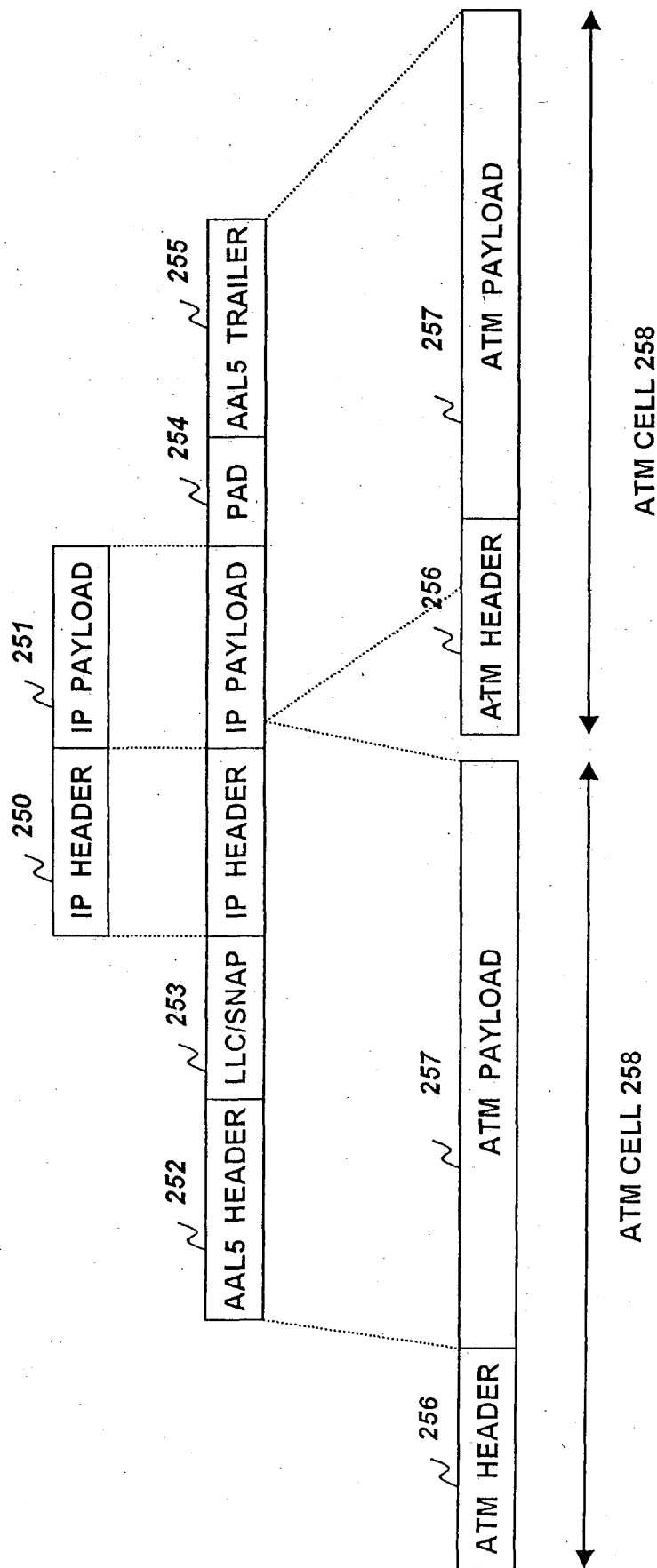


FIG.8



ENCAPSULATION BY AAL5 ( RFC 1483 )



FIG.9

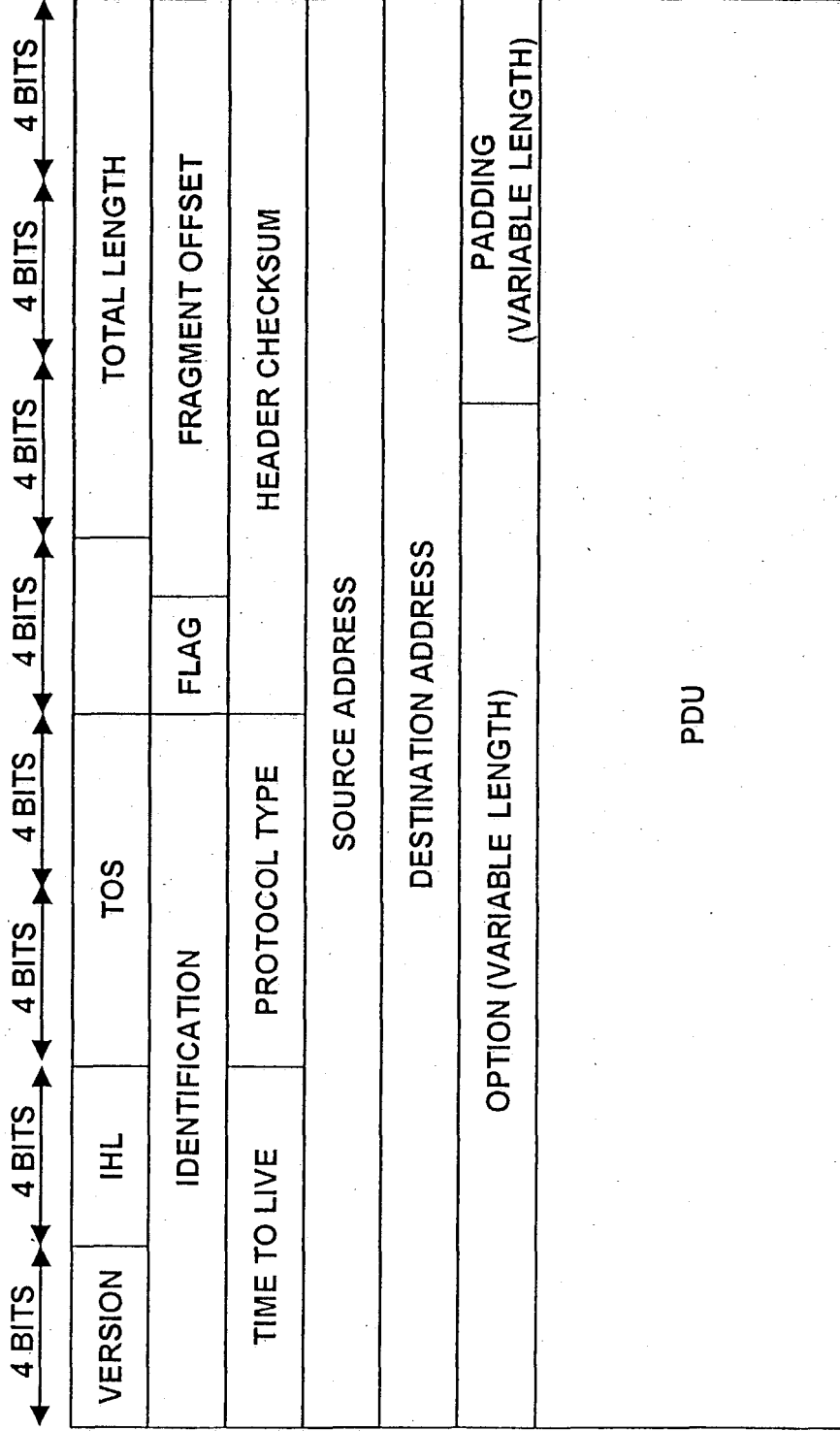
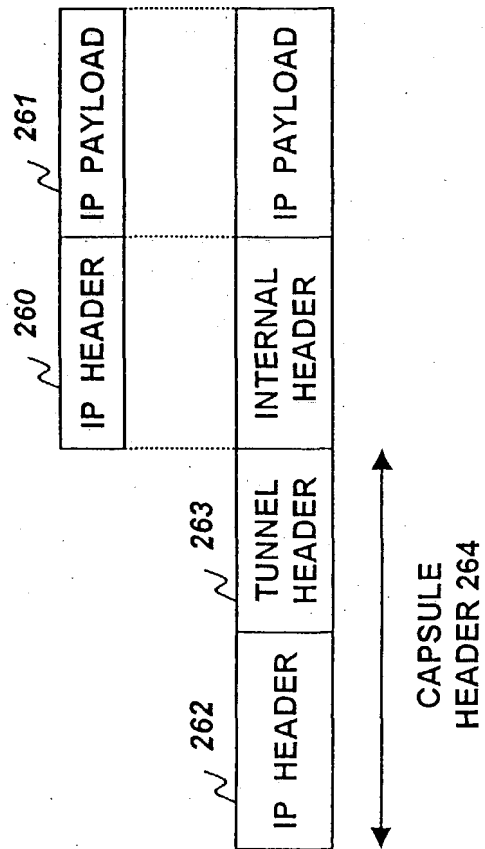


FIG.10



ENCAPSULATION BY IP TUNNEL ( RFC 1853 )

FIG.11

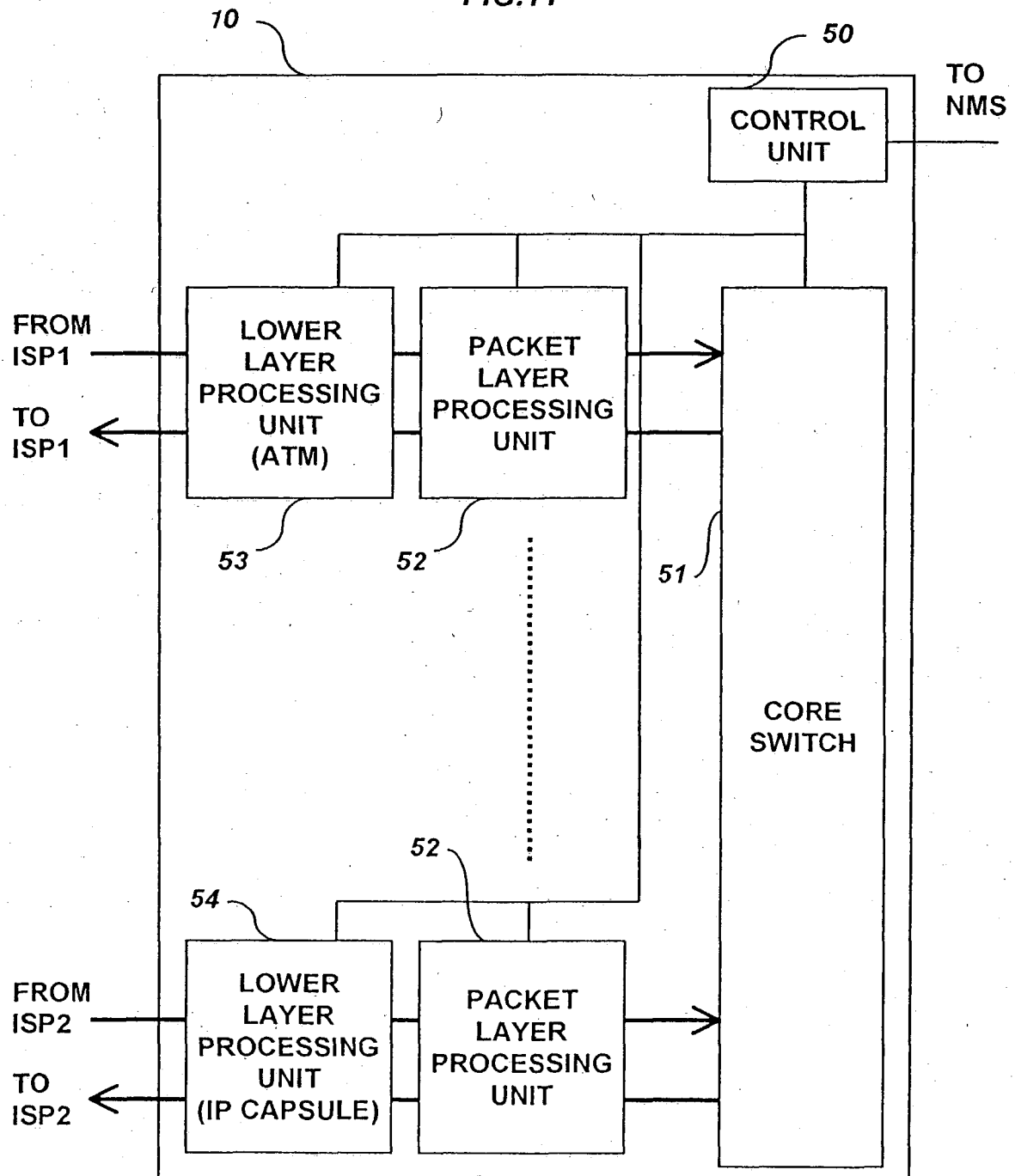
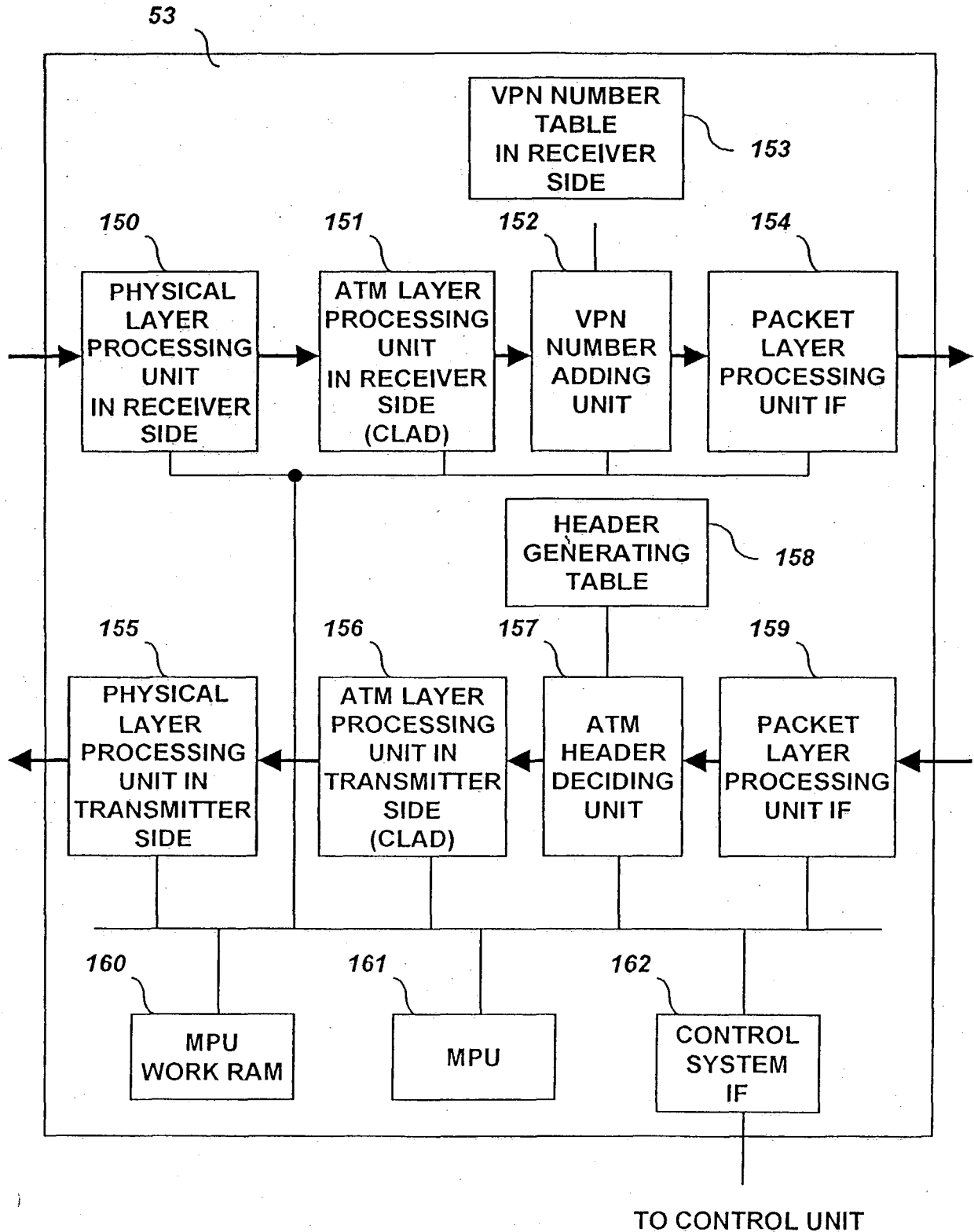


FIG.12



**FIG.13**

300 ATM HEADER IN INPUT SIDE		303 VPN NUMBER IN INPUT SIDE	
301 VPI/VCI	CLP	INTERNAL VPN NUMBER	305 QoS
a	0	0	0
b	1	12	7
⋮		⋮	
m	0	20	0
n	0	22	0

302

304

INPUT KEY      OUTPUT KEY

FIG.14

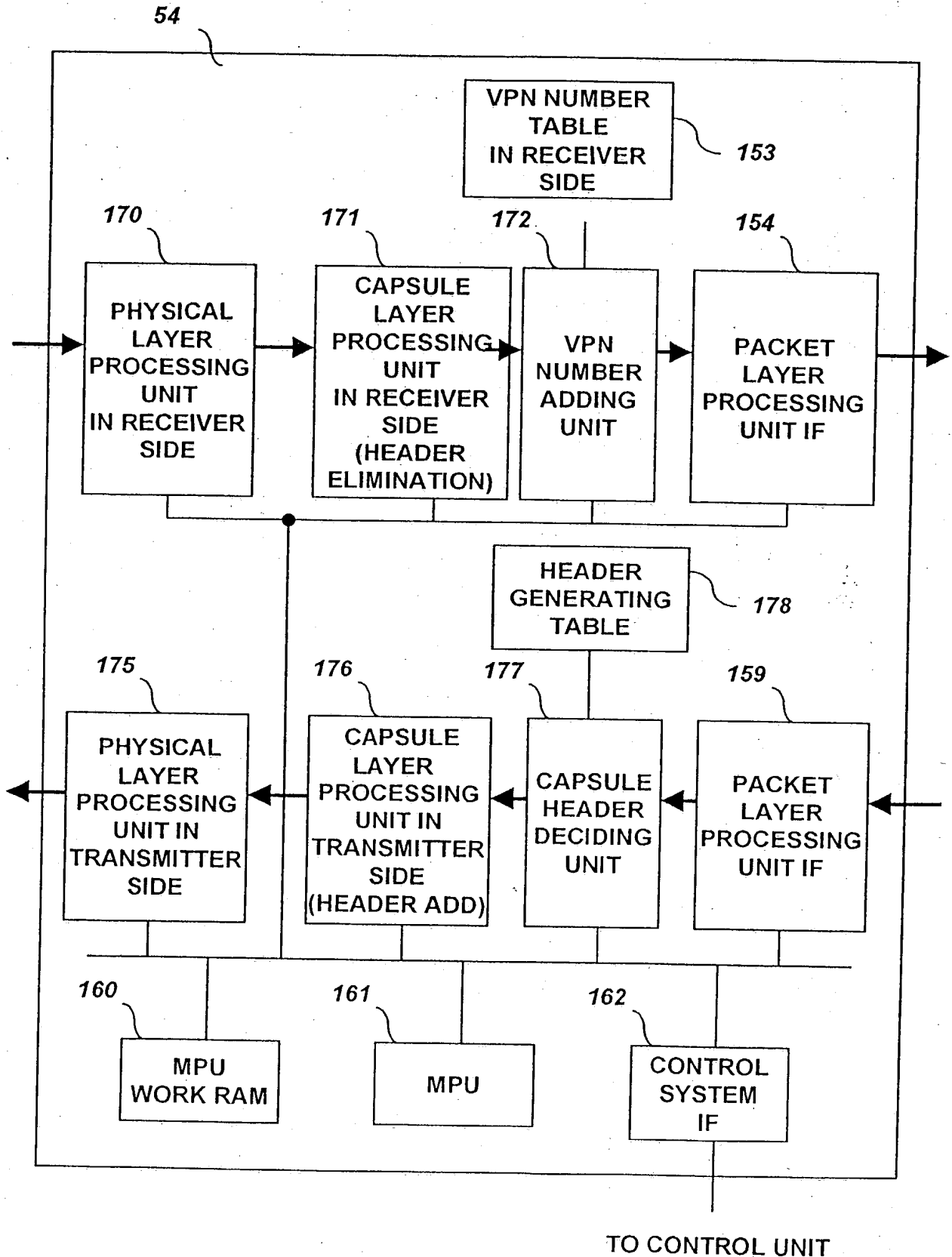


FIG.15

CAPSULE HEADER IN INPUT SIDE 310		VPN NUMBER IN INPUT SIDE 303	
CAPSULE HEADER ( SA ) 311	TOS	INTERNAL VPN NUMBER	QoS 305
a	0	0	0
b	1	12	7
⋮ 312		⋮ 304	
m	0	20	0
n	0	22	0

INPUT KEY      OUTPUT KEY

FIG.16

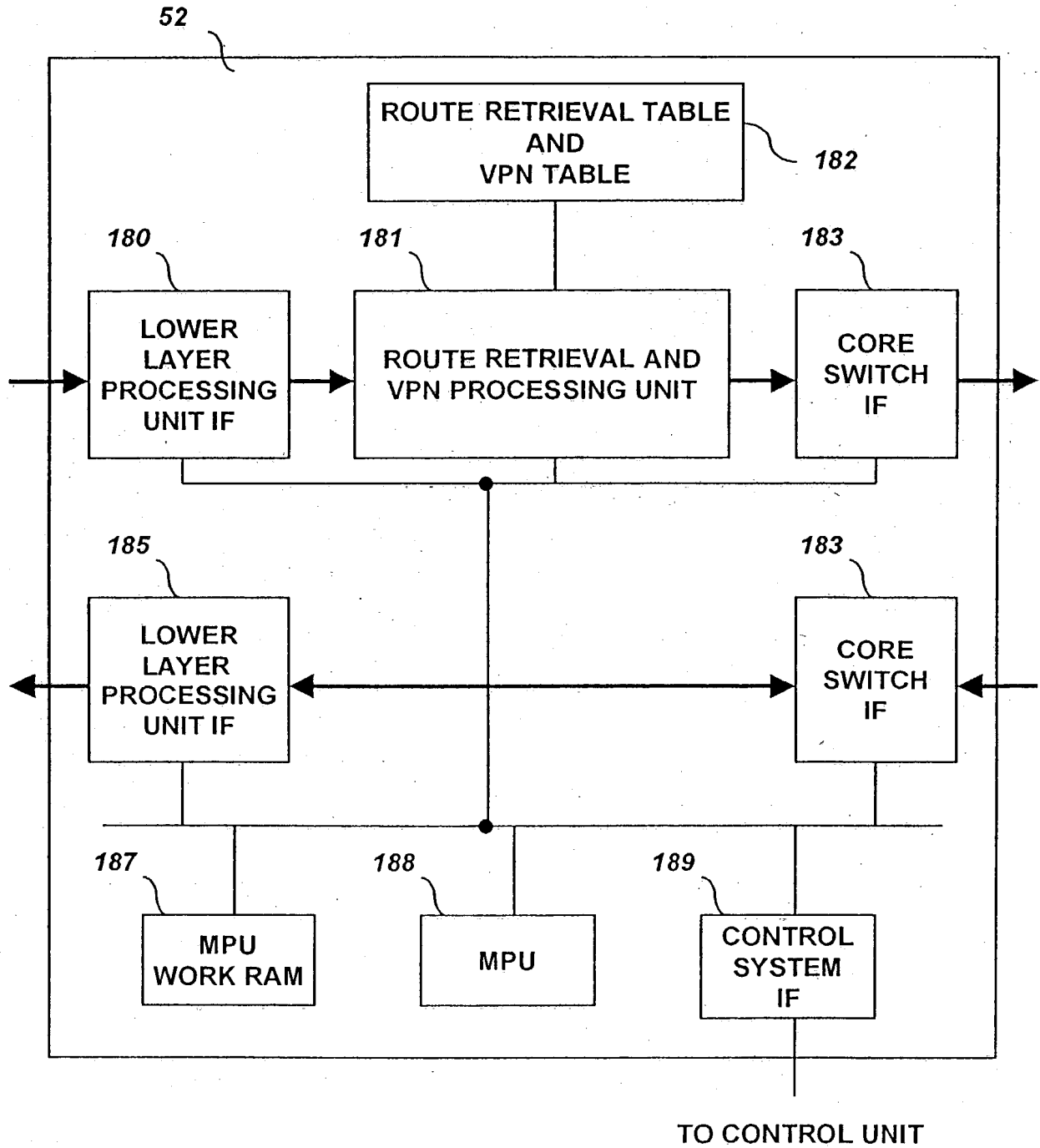




FIG.17

320 VPN NUMBER IN INPUT SIDE		323 IP HEADER		325 OUTPUT ROUTE		326 CAPSULE NUMBER IN OUTPUT SIDE	
INTERNAL VPN NUMBER	QoS	DESTINATION ADDRESS		NUMBER		CAPSULE NUMBER	QoS
1	0	A.a.a.a		15	5	0	
1	0	b.a.a.a		10	7	0	
...	324			...	...	...	
...	322			...	...	...	
n	0	b.a.a.a		8	13	0	
n	0	c.a.a.a		2	11	0	

321

INPUT KEY

OUTPUT KEY

FIG.18

CAPSULE NUMBER IN OUTPUT SIDE		ATM HEADER IN OUTPUT SIDE	
LOWER LAYER NUMBER	QoS	VPI/VCi	CLP
5	0	a	0
7	0	b	1
⋮		⋮	
13	0	m	0
11	0	n	0

330 333 331 332 334 335

INPUT KEY OUTPUT KEY

FIG.19

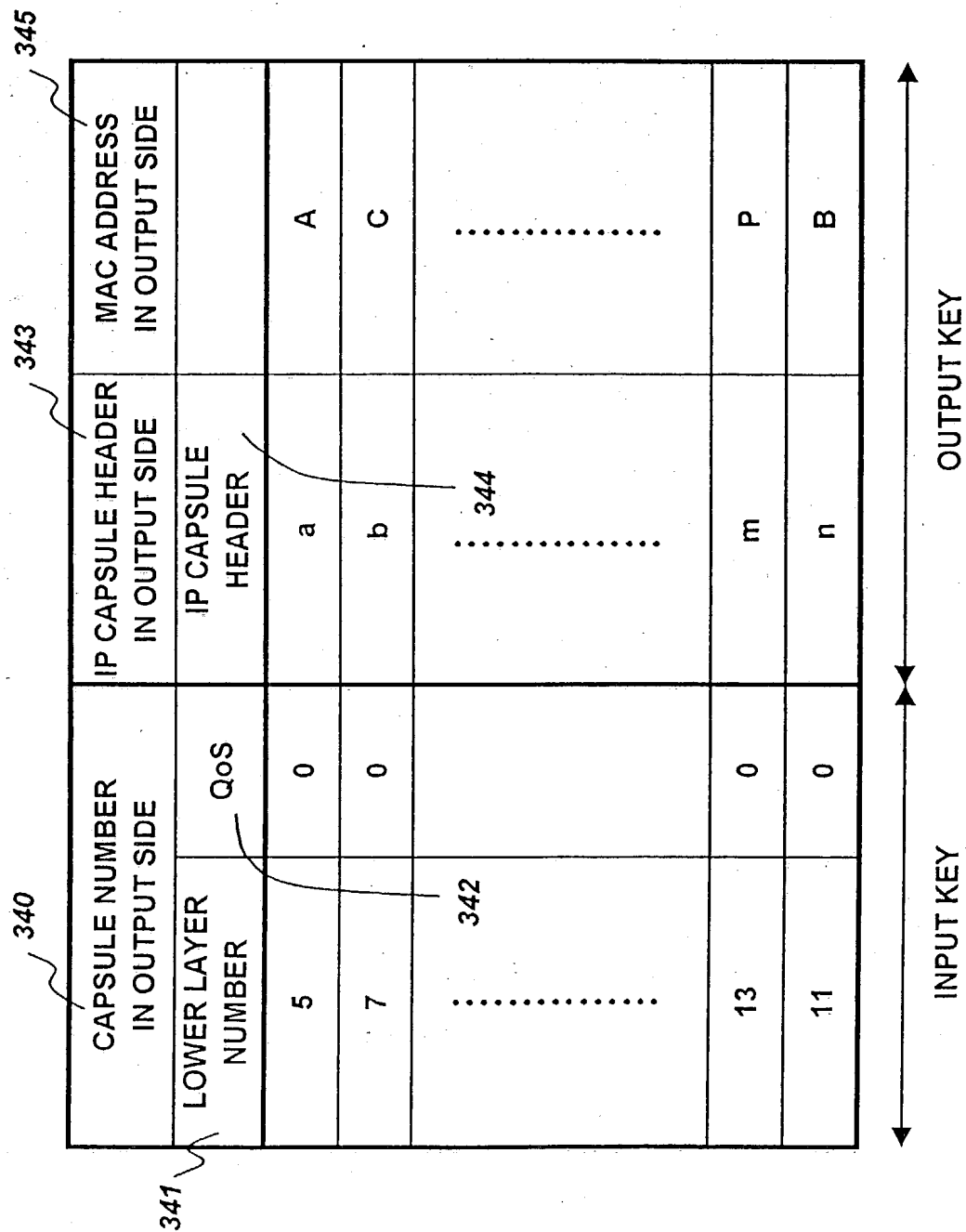


FIG. 20

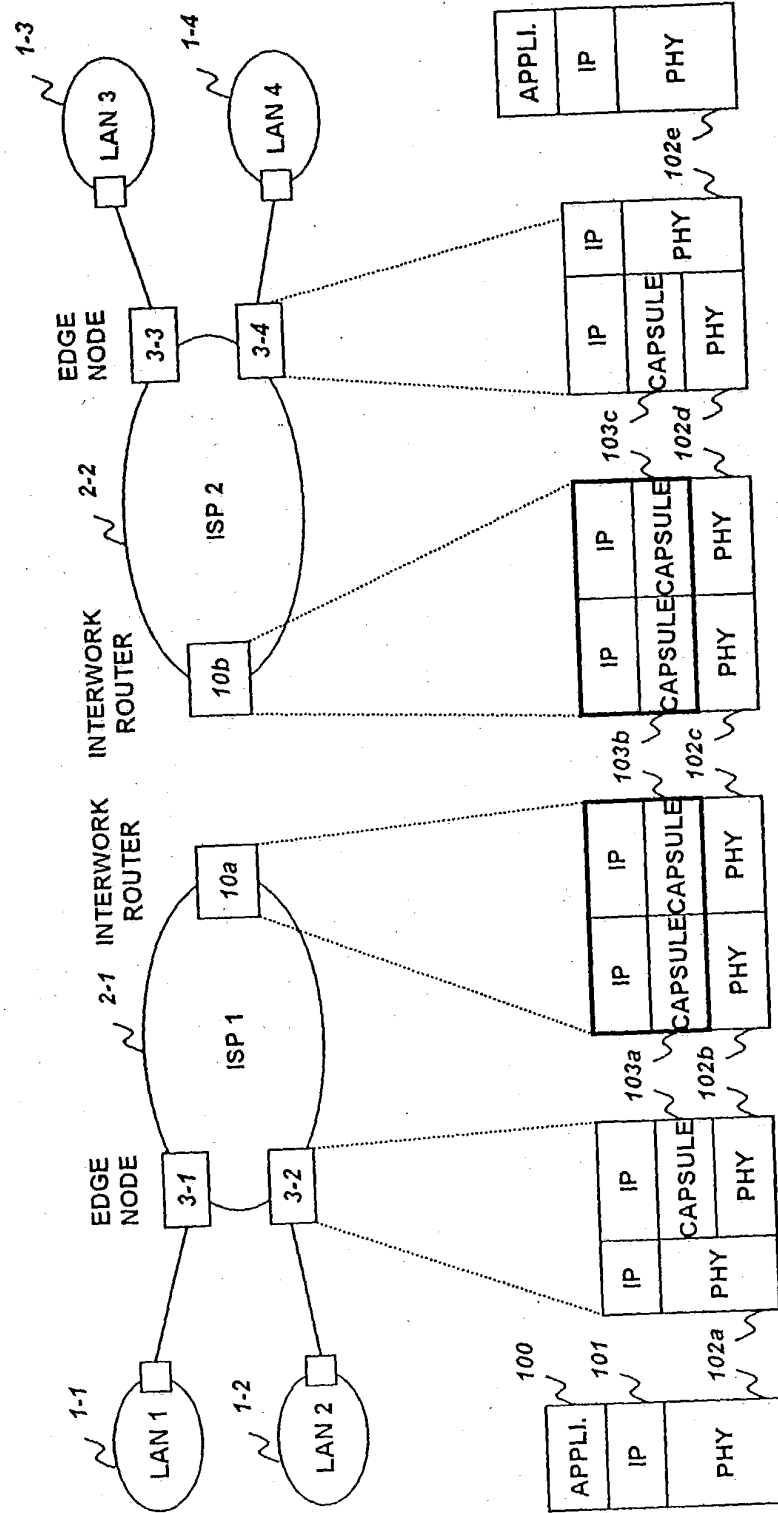


FIG. 21

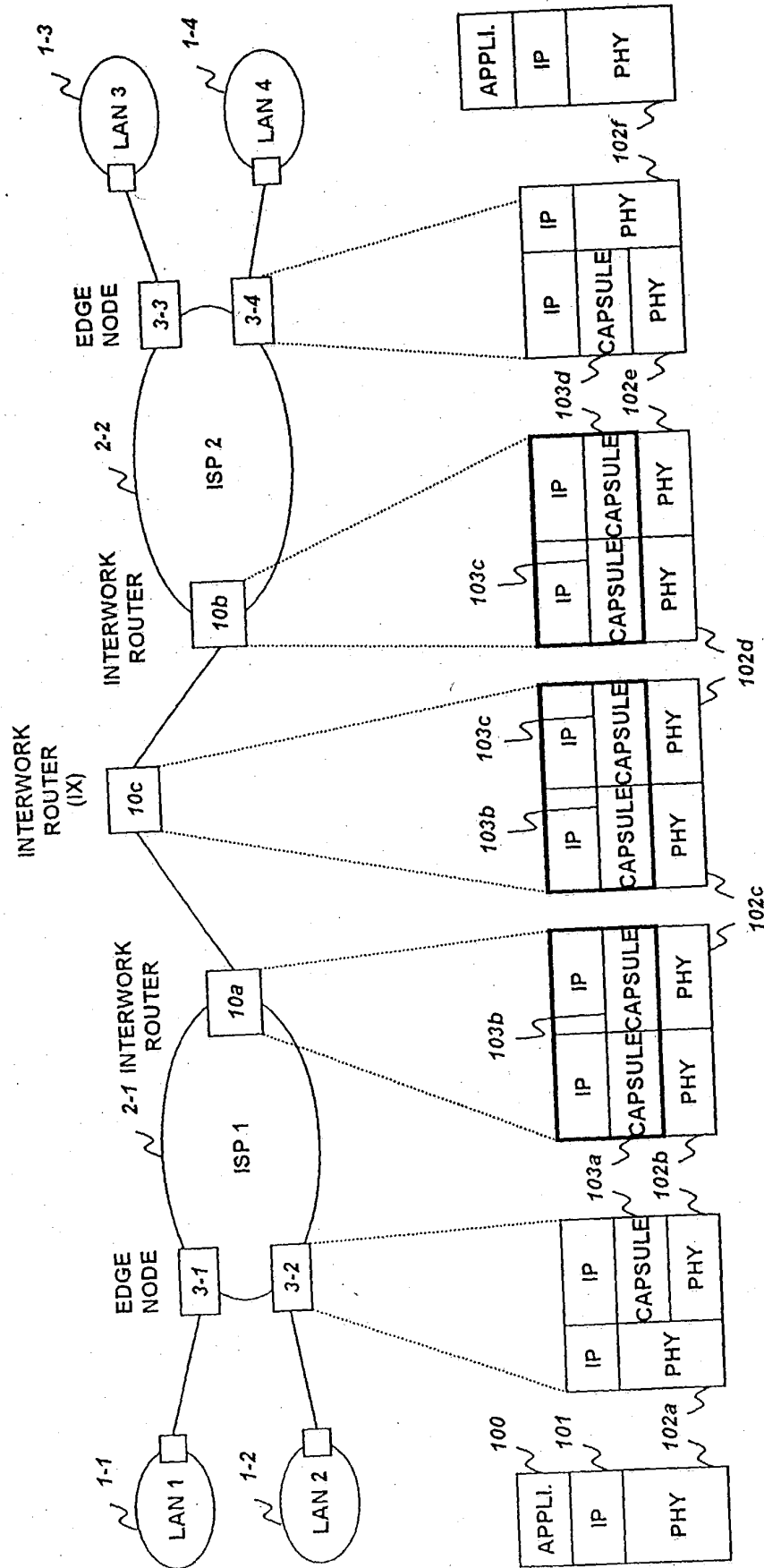


FIG. 22

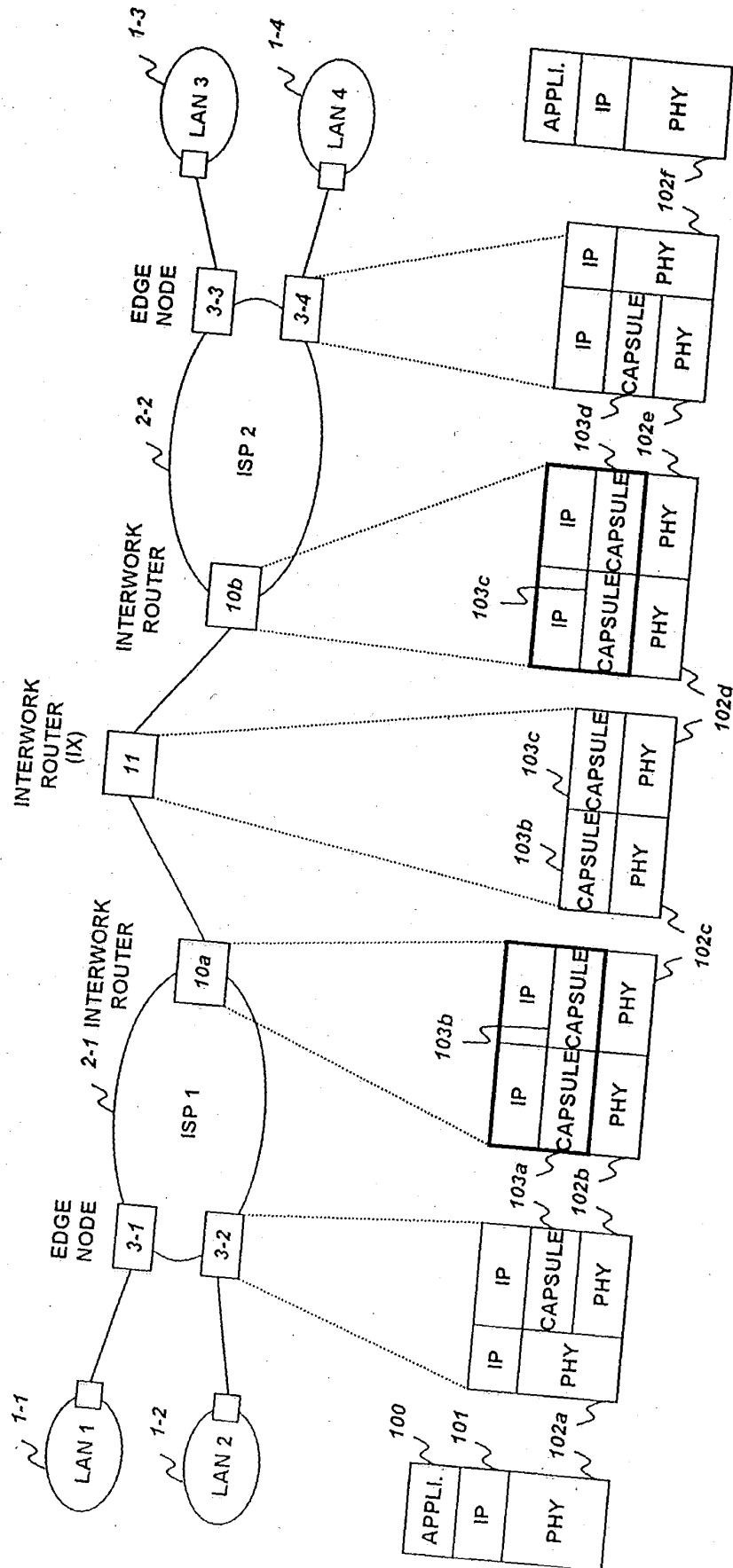


FIG.23

